



Memorandum

U.S. Department
Of Transportation

6300 Georgetown Pike
McLean, Virginia 22101

**Federal Highway
Administration**

Subject: **ACTION:** LTPP Directive FWD-30
LTPP FWD Measurements Manual 4.1 and
Calibration Procedure Updates

Date: November 23, 2009

From: Jane Jiang 
Long Term Pavement Performance Team

Reply to
Attn of: HRDI-13

To: Dr. Frank Meyer, PM - LTPP North Atlantic Regional Contract
Dr. Frank Meyer, PM - LTPP North Central Regional Contract
Mr. Mark Gardner, PM - LTPP Southern Regional Contract
Mr. Kevin Senn, PM - LTPP Western Regional Contract

Attached is the Long-Term Pavement Performance (LTPP) Program Directive FWD-30: LTPP FWD Measurements Manual 4.1 and Calibration Procedure Updates. This directive partially supersedes Directive FWD-29 to make a change to a sentence in Chapter 8 of the manual related to reference calibration. Please ensure that all personnel are aware of this new directive.

Should you have any questions or would like to discuss this directive, please do not hesitate to contact me at 202-493-3149.

Attachments (1)

FHWA:HRDI-13:JJiang:mdeeney:493-3149:11/23/09

File: c:/mdeeney/directive/fwd/FWD-30dir.doc

cc:

Jonathan Groeger

Directive Binder

LTPP Team

Official file

Chron

LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



For the Technical Direction of the LTPP Program



Program Area: Monitoring

Directive Number: FWD-30

Date: November 23, 2009

Supersedes: FWD-29, partially

Subject: LTPP FWD Measurements Manual 4.1 and Calibration
Procedure Updates

Effective immediately, *LTPP Manual For Falling Weight Deflectometer Measurements Version 4.1* (FHWA-HRT-06-132), is to be used for FWD measurements and related field operations, with the following exception.

In **Chapter 8 Calibration and Verification** of the above mentioned manual, **8.1 Reference Calibration:** Replace sentence “The most recent version of the FHWA LTPP FWD Reference and Relative Calibration Manual shall be followed during reference calibration”, with “The AASHTO R 32-09, *Standard Practice for Calibrating the Load Cell and Deflection Sensors for a Falling Weight Deflectometer*, shall be followed during reference calibration.”

Questions concerning this directive should be addressed to the FHWA LTPP leader for FWD operations.

Prepared by: Jane Jiang

Approved by:

A handwritten signature in black ink, appearing to read "Aramis Lopez, Jr.".

Aramis López, Jr.
LTPP Team Leader